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methods ; a description of the collector's outfit; field-work, how performed; closet-work and care of herbarium; correspondence and exchanges; and some account of public herbaria and museums of vegetable products. Apparatus will be fully illustrated. The work will be placed at so low a price as to bring it within the reach of all; but, as a further inducement, the publisher offers a discount of 10 per cent. from the prospective price of \$1.50 to all who subscribe before the book is published.

§ 31. Proceedings of the Torrey Botanical Club.—The regular monthly meeting of the Club was held at the Herbarium, Columbia College, Tuesday evening, Feb. 8th. In the absence of the presiding officers the chair was occupied by Mr. J. D. Hyatt. There were present eighteen members and two visitors.

Mr. Britton read an interesting communication from Mr. H. H. Rusby, giving a sketch of the general character of the flora of New Mexico.

Plants Exhibited.—Mr. Wright exhibited a beautiful collection of Australian ferns which were sent by Mr. Chorlton for the Club's herbarium. Mr. Gerard exhibited an example of

Heterophyllum in Hepatica.—The leaf shown was one of several similar

ones taken from the same plant, and each of which possessed a like peculiarity—the middle lobe being deeply trilobate and the lateral ones bilobate (as seen in the annexed figure), thus making an approach toward the leaf-forms found in the genus *Anemone* into which the old genus *Hepatica* is now merged.

Mr. Schrenk showed and remarked upon a specimen of *Silene Pennsylvanica* having a pentamerous ovary, and which is referred to at more length on another page of the present number.

A note from Mr. O. R. Willis was read, stating that the biographical sketch of the late Prof. Wood in course of preparation by him would be presented before the Club at the next meeting.

§ 32. Ferns of New Mexico.—For the benefit of lovers of ferns, we give the following list of the 14 species which are comprised in the sets now being distributed by Mr. Henry H. Rusby. The specimens were collected in Grant County, New Mexico, during the fall of 1880, and no pains have been spared by Mr. Rusby to have them complete, perfect, beautiful and ample. Those of our friends who have purchased sets are highly pleased with them. *Gymnogramme hispida*, Mett., *Notholaena sinuata*, Kaulfuss, *N. Hookeri*, D. C. Eaton, *N. dealbata*, Kunze, *Cheilanthes Wrightii*, Hook., *C. lanuginosa*, Nutt., *C. Eatoni*, Baker, *C. Fendleri*, Hook., *C. Lindheimeri*, Hook., *Pellaea atropurpurea*, Link, *P. Wrightiana*, Hook., *P. andromedaefolia*, var. *pubescens*, Baker, *P. ternifolia*, Link, and *Woodsia Oregana*, D. C. Eaton, variety.

